ROCK SOLID BALANCES

EVEREST™ SERIES

A&D WEIGHING

...Clearly a Better Value

EVEREST™ SERIES

For years the EK/EW models have been popular compact balances for a wide variety of applications. Now the new Everest Compact Balances have been designed to carry on their tradition with enhanced capacities and resolutions, and EW-i models come with attractive triple ranges of weighing. New electronics, wider selection of capacities & resolutions, and remote-zeroing have been included in a low-profile rugged housing. All feature RS-232C standard and are designed to meet Weights and Measures regulations for various countries. (e.g. NTEP, CE)

- Large LCD display (16mm height) with back light – Easy to read even at a wide viewing angle or dark environment
- Wide selection from 16 different models 30g ~ 12kg
- Control zero, mode selection and data output with standard RS-232C
- Triple range weighing for EW-i Models
- 9 built-in weighing units plus counting & percentage with user priority start-up
- Counting function with Automatic Counting Accuracy Improvement
- Standard comparator function – HI/OK/LO annunciator
- Full Digital Calibration with optional user definable mass setting
- Conformity to GLP with I.D. and serial number outputs
- Auto Power OFF
- Portable-compact size, light weight, rugged body
- Sealed key panel protection against dust and spills
- Low profile and small footprint for minimal space requirement
- Overload protection
- Stainless steel weighing pan
- Easy to install rechargeable Ni-MH battery (optional)
- Optional underhook weighing for EK-4100i / 6100i / 6000i / 12Ki and EW-12Ki
- Leveling feet and level bubble for accurate weighing
- Security ring to prevent theft

```
                A & D
MODEL       EK-300i
S/N         1234567
ID            ABCDEF
DATE       02/05/17
03:15:40 PM
CAL.TEST(EXT.)
ACTUAL
            0.00  g
         +300.01  g
TARGET
         +300.00  g
SIGNATURE


- - - - - - - -
```

GLP

Balance I.D. number allows calibration output verification

ROCK SOLID PERFORMANCE

OPTIONS & ACCESSORIES

Multi-Function Printer
AD-8121B
With time/date and statistics

External Display
AD-8920

Rechargeable Battery
EKW-09i
For complete portability and use in areas with power problems

Carrying Case
CC:106

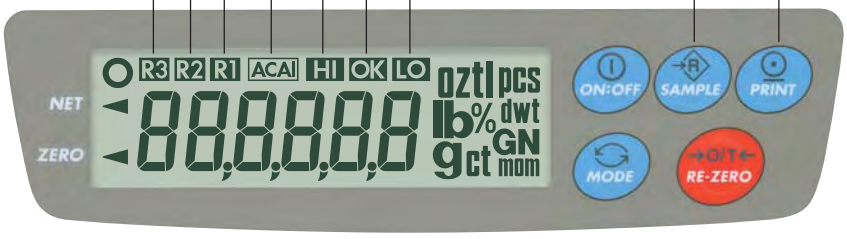
Weighing Range
(EW-i series only)
Triple range indication

ACAI
Automatic Counting Accuracy Improvement

HI/OK/LO
Comparator Annunciator

Sample
Register a sample count or 100% in percentage

Print
Transmit data to printer or computer



Multi weighing units

oz	Ounce (av)	g	Gram
ozt	Troy ounce	ct	Carat
tl	Tael	mom	Momme
lb	Pound (av)	pcs	Pieces
GN	Grain unit	%	Percent
dwt	Pennyweight		

Everest Specifications

		EK-120i	EK-200i	EK-300i	EK-410i	EK-610i	EK-600i	EK-1200i	EK-2000i	EK-3000i	EK-4100i	EK-6100i
Gram (g)		120x0.01	200x0.01	300x0.01	400x0.01	600x0.01	600x0.1	1200x0.1	2000x0.1	3000x0.1	4000x0.1	6000x0.1
Decimal Ounce (av) (oz)		4.2330x0.0005	7.0550x0.0005	10.5820x0.0005	14.110x0.001	21.164x0.001	21.165x0.005	42.330x0.005	70.550x0.005	105.820x0.005	141.10x0.01	211.64x0.01
Decimal Pound (av) (lb)		—	—	—	0.8818x0.0001	1.3228x0.0001	1.323x0.0005	2.6455x0.0005	4.4090x0.0005	6.6140x0.0005	8.818x0.001	13.228x0.001
Troy Ounce (ozt)		3.8580x0.0005	6.430x0.0005	9.645x0.0005	12.860x0.001	19.290x0.001	19.290x0.005	38.580x0.005	64.300x0.005	96.450x0.005	128.60x0.01	192.90x0.01
Pennyweight (dwt)		77.16x0.01	128.60x0.01	192.90x0.01	257.21x0.01	385.81x0.01	385.8x0.1	771.6x0.1	1286.0x0.1	1929.0x0.1	2572.1x0.1	3858.1x0.1
Carat (ct)		600.00x0.05	1000.00x0.05	1500.00x0.05	2000.0x0.1	3000.0x0.1	3000.0x0.5	6000.0x0.5	10000.0x0.5	15000.0x0.5	20000x1	30000x1
Momme (mom)		32.000x0.005	53.335x0.005	80.000x0.005	106.665x0.005	160.000x0.005	160.00x0.05	320.00x0.05	533.35x0.05	800.00x0.05	1066.65x0.05	1600.00x0.05
Grain Unit (GN)		1851.8x0.2	3086.4x0.2	4629.8x0.2	6173.0x0.2	9259.4x0.2	9260x2	18518x2	30864x2	46298x2	61730x2	92594x2
Tael (H.K General) (t)		3.1745x0.0005	5.291x0.0005	7.9365x0.0005	10.582x0.0005	15.873x0.0005	15.875x0.005	31.745x0.005	52.910x0.005	79.365x0.005	105.820x0.005	158.735x0.005
Counting Mode	Max. count	12,000 pcs	20,000 pcs	30,000 pcs	40,000 pcs	60,000 pcs	6,000 pcs	12,000 pcs	20,000 pcs	30,000 pcs	40,000 pcs	60,000 pcs
	Min. unit weight	0.01 g					0.1 g					
	No. of samples	5, 10, 25, 50 or 100 pieces										
Percent Mode	Min. div.	0.1%										
	Min.100% weight	1 g					10 g					
Linearity		±0.01 g		±0.02 g			±0.1 g			±0.2 g		
Repeatability/Std.Dev.		0.01 g					0.1 g					
Sensitivity Drift		20ppm / C(10C–30C / 50F–86F)										
Display Type		7 segment LCD with backlight (character height 16mm)										
Display Refresh		10 times / second										
Pan size (W) x (D)		Ø130mm / 4.3inches					133 x 170mm / 5.2 x 6.7inches					
Physical Dimensions (mm)		190(W) x 218(D) x 55(H)					190(W) x 218(D) x 53(H)					
Physical Dimensions (inches)		7.5(W) x 8.6(D) x 2.2(H)					7.5(W) x 8.6(D) x 2.1(H)					
Admissible Ambient Temperature		–10C–40C / 14F–104F, less than 85% R.H. (non-condensing)										
Weight (approx.)		1.1 kg					1.3 kg	1.5 kg				
Calibration Mass (default setting)		120 g	200 g	300 g	400 g	600 g	600 g	1200 g	2000 g	3000 g	4000 g	6000 g
Power		AC adapter or Ni-MH battery pack (option)										
Standard Accessories		Manual, AC adapter										

		EK-6000i	EK-12Ki	EW-150i			EW-1500i			EW-12Ki		
Gram (g)		6000x1	12000x1	30e0.01	60e0.02	150e0.05	300x0.1	600e0.2	1500e0.5	3000x1	6000x2	12000x5
Decimal Ounce (av) (oz)		211.65e0.05	423.30x0.05	1.0580e0.0005	2.116x0.001	5.292x0.002	10.580x0.005	21.16e0.01	52.92e0.02	105.80e0.05	211.6e0.1	423.2e0.2
Decimal Pound (av) (lb)		13.230e0.005	26.455x0.005	—	—	—	0.6615e0.0005	1.323e0.001	3.306e0.002	6.615e0.005	13.23e0.01	26.46e0.02
Troy Ounce (ozt)		192.90e0.05	385.80x0.05	0.9645e0.0005	1.929e0.001	4.822e0.002	9.645e0.005	19.29e0.01	48.22e0.02	96.45e0.05	192.9e0.1	385.8e0.2
Pennyweight (dwt)		3858x1	7716x1	19.29e0.01	38.58e0.02	96.45e0.05	192.9e0.1	385.8e0.2	964.5e0.5	1929x1	3858x2	7715x5
Carat (ct)		—	—	150.00x0.05	300.0x0.1	750.0e0.2	1500.0x0.5	3000x1	7500x2	—	—	—
Momme (mom)		1600.0x0.5	3200.0e0.5	8.000e0.005	16.00e0.01	40.00e0.02	80.00x0.05	160.0x0.1	400e0.2	800x0.5	1600x1	3200x2
Grain Unit (GN)		—	—	463.0x0.2	926.0x0.5	2315x1	4630x2	9260x5	23150x10	—	—	—
Tael (H.K General) (t)		158.75e0.05	317.45e0.05	0.7935e0.0005	1.587x0.001	3.968x0.002	7.935e0.005	15.87e0.01	39.68e0.02	79.35e0.05	158.7e0.1	317.4e0.2
Counting Mode	Max. count	6,000 pcs	12,000 pcs	15,000 pcs			15,000 pcs			12,000 pcs		
	Min. unit weight	1 g		0.01 g			0.1 g			1 g		
	No. of samples	5, 10, 25, 50 or 100 pieces										
Percent Mode	Min. div.	0.1%										
	Min.100% weight	100 g		1 g			10 g			100 g		
Linearity		±1 g		± 0.01 g	± 0.02 g	±0.05 g	±0.1 g	±0.2 g	±0.5 g	±1 g	±2 g	±5 g
Repeatability / Std.Dev.		1 g		0.01 g	0.02 g	0.05 g	0.1 g	0.2 g	0.5 g	1 g	2 g	5 g
Sensitivity Drift		20ppm / C(10C–30C / 50F–86F)										
Display Type		7 segment LCD with backlight (character height 16mm)										
Display Refresh		10 times / second										
Pan size (W) x (D)		133 x 170 mm / 5.2 x 6.7 inches		Ø130mm / 4.3inches			133x170 mm / 5.2x6.7 inches					
Physical Dimensions (mm)		190(W) x 218(D) x 53(H)		190(W) x 218(D) x 55(H)			190(W) x 218(D) x 53(H)					
Physical Dimensions (inches)		7.5(W) x 8.6(D) x 2.1(H)		7.5(W) x 8.6(D) x 2.2(H)			7.5(W) x 8.6(D) x 2.1(H)					
Admissible Ambient Temperature		–10C–40C / 14F–104F, less than 85% R.H. (non-condensing)										
Weight (approx.)		1.5 kg		1.1kg			1.5kg			1.5 kg		
Calibration Mass (default setting)		6000 g	12 kg	150 g			1500 g			12 kg		
Power		AC adapter or Ni-MH battery pack (option)										
Standard Accessories		Manual, AC adapter										

Specifications are subject to change for improvement without notice.

Options

EKW-04i★	Comparator/Relay Output
EKW-07i	Underhook (for EK-4100i/6100i/ 6000i/12Ki, EW-12Ki only)
EKW-09i★	Rechargeable Battery Pack (Ni-MH)
CC-106	Carrying Case
EKW-29i★	Bluetooth®

Accessories

AD-8121B	Dot Matrix Compact Printer
AD-8118B	Universal Printer
AD-8920	External Display
AX-3005824-5S	Protective Cover (5pcs.)

★ EKW-04i and EKW-09i cannot be used simultaneously.

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AMERICAN SCALE CORPORATION
Louisville KY 40218
800-928-5005
sales@american-scale.com
www.american-scale.com

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